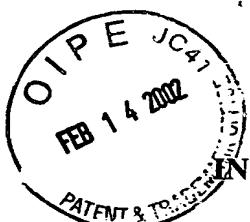


1714



Patent
Docket No: 56612US003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Patricia M. Savu et al.

Serial No.: 09/992,879

Filed: November 5, 2001

For: POLYOXYALKYLENE AMMONIUM SALTS AND THEIR USE AS ANTISTATIC AGENTS

Group Art Unit: 1714

Examiner: ---

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on:

February 5, 2002

Date

Signature: Kathleen M. Sandvig

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Commissioner for Patents
Washington, DC 20231

FEB 20 2002

TC 1700

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, enclosed please find a completed PTO-1449 form citing references submitted for consideration during examination of the above-referenced patent application. A copy of each of the references cited therein is also enclosed.

It is respectfully requested that the Examiner initial and return the enclosed PTO-1449 form in order to indicate that each of the references listed thereon has been considered in connection with the present application.

Respectfully submitted,

By Lisa Fagan
Lisa M. Fagan

Registration Number 40,601	Telephone Number 651/737-5209
Date <u>February 5,</u> 2002	

Office of Intellectual Property Counsel
3M Innovative Properties Company
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Form PTO-1449 (modified)

Case No.
56612US003Serial No.
09/992879

List of Patents and Publications for Applicant's

First Named Inventor
Savu, Patricia M.**INFORMATION DISCLOSURE STATEMENT**

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Filing Date:
November 5, 2001

Group:

U.S. Patent Documents
See Page 1Foreign Patent Documents
See Page 3Other Art
See Page 6**Foreign Patent Documents**

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B1	EP 0 331 030 A1	2/24/99	EPO			Yes
	B2	EP 0 363 094 B1	8/4/93	EPO			
	B3	EP 0 398 353 A1	11/22/90	EPO			
	B4	EP 0 416 741 A1	3/13/91	EPO			
	B5	EP 0 047 903 B1	8/29/81	EPO			No
	B6	EP 0 663 612 B1	3/15/00	EPO			
	B7	EP 0 752 711 A1	1/8/97	EPO			
	B8	JP 5-302077	11/16/93	Japan			Yes (English abstract only)
	B9	JP 05289224	11/5/93	Japan			Yes (English abstract only)
	B10	JP 50045055	4/22/75	Japan			Yes (English abstract only)
	B11	JP 08100169	09/18/96	Japan			Yes (English abstract only)
	B12	JP 08092450	4/9/96	Japan			Yes (English abstract only)
	B13	JP 08208889	8/13/96	Japan			Yes (English abstract only)
	B14	JP 09255939	9/30/97	Japan			Yes (English abstract only)

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Date Considered:

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	B15	JP 11092751	6/24/99	Japan			Yes (English abstract only)
	B16	JP 11116752	4/27/90	Japan			Yes (English abstract only)
	B17	JP 01075534	03/22/89	Japan			Yes (English abstract only)
	B18	JP 55149938	11/21/80	Japan			Yes (English abstract only)
	B19	JP 63071923	04/01/88	Japan			Yes (English abstract only)
	B20	JP 63308032	12/15/88	Japan			Yes (English abstract only)
	B21	JP 63295667	12/2/88	Japan			Yes (English abstract only)
	B22	JP 62225517	10/3/87	Japan			Yes (English abstract only)
	B23	JP 60221442	11/6/85	Japan			Yes (English abstract only)
	B24	WO 96/15479	5/23/96	WIPO			
	B25	WO 96/24929	8/18/96	WIPO			
	B26	WO 99/02611	1/21/99	WIPO			
	B27	WO 99/30381	6/17/99	WIPO			

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Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B28	WO 01/49925	7/12/01	WIPO			
	B29	WO 01/25326	4/12/01	WIPO			
	B30	SU 749081	12/15/83	Soviet Union			Yes (English abstract only)
	B31	SU 749084	12/15/83	Soviet Union			Yes (English abstract only)
	B32	SU 854949	8/15/81	Soviet Union			Yes (English abstract only)
	B33	SU 448199	10/28/75	Soviet Union			Yes (English abstract only)
	B34	SU 446522	7/16/75	Soviet Union			Yes (English abstract only)
	B35	SU 427962	6/6/75	Soviet Union			Yes (English abstract only)
	B36	SU 406849	8/1/74	Soviet Union			Yes (English abstract only)
	B37	BE 876238	11/14/79	Belgium			Yes (English abstract only)
	B38	DE 4016535	09/28/93	Germany			Yes (English abstract only)
	B39	ZA 9804155	5/18/98	South Africa			

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U.S. Patent Documents
See Page 1Foreign Patent Documents
See Page 3Other Art
See Page 6**Other Art (Including Author, Title, Date, Pertinent Pages, Etc.)**

Exam. Init.	Ref. Des.	Citation
	C1	Product Information: "Fatty Amine Ethoxylates," Huntsman Corporation, Salt Lake City, UT, (April 9, 2001), 2 pages.
	C2	Product Information: "JEFFAMINE® Polyoxyalkylene Amines," Huntsman Corporation, Salt Lake City, UT, (April 9, 2001), 2 pages.
	C3	Book Excerpt: <u>Amphoteric Surfactants</u> , edited by Eric G. Lomax, Marcel Dekker Inc., (1996), pp. 13-17.
	C4	Book Excerpt: <u>Organofluorine Chemicals and Their Industrial Applications</u> , edited by R. E. Banks, Ellis Horwood Ltd. (1979), pp. 53-57.
	C5	Article: Hendricks, "Industrial Fluorochemicals," <u>Ind. Eng. Chem.</u> , Vol. 45, No. 1, (January, 1953), pp. 99-105.
	C6	Article: Bennett et al., "Wetting of Low-Energy Solids by Aqueous Solutions of Highly Fluorinated Acids and Salts", <u>J. Phys. Chem.</u> , Vol. 63, (November, 1959), pp. 1911-1916.
	C7	Book Page: <u>Preparation, Properties, and Industrial Applications of Organofluorine Compounds</u> , edited by R. E. Banks, Ellis Horwood Ltd. (1982), P. 25
	C8	Article: Koshar et al., "Bis(perfluoroalkylsulfonyl)methanes and Related Disulfones," <u>J. Org. Chem.</u> , Vol. 38, No. 19, (1973), pp.3358-3363.
	C9	Article: Wente, "Superfine Thermoplastic Fibers," <u>Industrial and Engineering Chemistry</u> , Vol. 48, No. 8, (August, 1956), pp. 1342-1346.
	C10	Report: Wente et al., "Manufacture of Superfine Organic Fibers," Naval Research Laboratory Report 4364, (May 25, 1954), pp. 1-15.
	C11	Article: Davis, "The Separation of Airborne Dust and Particles", <u>The Institution of Mechanical Engineers</u> , pp. 185-198.
	C12	J. Am. Chem. Soc., "Fluorinated Surfactants and Repellents", Jimmie R. Baran, Jr., Second Edition, Vol. 123, No. 36, 2001
	C13	ASTM Standard D-257, Standard Test Methods for DC Resistance or Conductance of Insulating Materials, pp. 106-115.

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Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
	A1	2,701,814	2/8/55	Smith			
	A2	2,732,398	1/24/56	Brice et al.			RECEIVED
	A3	2,803,656	8/20/57	Ahlbrecht et al.			FEB 21 2002
	A4	3,476,753	11/4/69	Hansen			TC 1700
	A5	3,723,512	3/27/73	Niederprum et al.			
	A6	3,728,151	1/15/68	Sherman et al.			
	A7	3,816,229	6/11/74	Bierbrauber			
	A8	3,896,035	7/22/75	Schultz et al.			
	A9	3,899,563	8/12/75	Oxenrider et al.			
	A10	3,901,727	8/26/75	Loudas			
	A11	3,916,053	10/28/75	Sherman et al.			
	A12	3,968,066	7/6/76	Mueller			
	A13	4,014,880	3/29/77	Dowd et al.			
	A14	4,043,923	8/23/77	Loudas			
	A15	4,313,978	2/2/82	Stevens et al.			
	A16	4,335,201	6/15/82	Miller et al.			
	A17	4,439,505	3/27/84	Perlstein et al.			
	A18	4,478,922	10/23/84	Perlstein et al.			
	A19	4,582,781	4/15/96	Chen et al.			
	A20	4,847,187	7/11/89	Ono et al.			
	A21	4,939,204	7/3/90	Efford			
	A22	4,975,363	12/4/90	Cavallo et al.			
	A23	5,064,699	11/12/91	Havens et al.			

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Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
	A24	5,145,727	9/8/92	Potts et al.			
	A25	5,149,576	9/22/92	Potts et al.			
	A26	5,171,641	12/15/92	Roberts et al.			
	A27	5,273,840	12/28/93	Dominey			
	A28	5,446,134	8/29/95	Armand et al.			
	A29	5,478,486	12/26/95	Incorvia			
	A30	5,502,251	3/26/96	Pohmer et al.			
	A31	5,503,967	4/2/96	Furlan et al.			
	A32	5,514,493	5/7/96	Waddell et al.			
	A33	5,518,788	5/21/96	Invie			
	A34	5,525,261	6/11/96	Incorvia et al.			
	A35	5,534,192	7/9/96	Incorvia et al.			
	A36	5,541,049	7/30/96	Ballerini et al.			
	A37	5,554,664	9/10/96	Lamanna et al.			
	A38	5,591,482	1/7/97	He et al.			
	A39	5,688,884	11/18/97	Baker et al.			
	A40	5,723,664	3/3/98	Sakaguchi et al.			
	A41	5,874,616	2/23/99	Howells et al.			
	A42	5,965,206	10/12/99	Hilti et al.			
	A43	6,294,289	9/25/01	Fanta et al.			

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